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Applicant(s)/Patent under Reexamination

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Interference

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| Clai               | Original <sup> 3</sup> |              |   | ı  |  | Date     | 9  |  |          |  | ŀ | Cla   | um       |           |   |   | ι | Date     | <u>e</u>     |   |
|--------------------|------------------------|--------------|---|--|--|----------|--|--|----------|--|---|-------|----------|-----------|---|---|---|----------|--------------|---|
| Final              | ginal                  |              |   |  |  | ,        |  | _  |          |  |   |       |          |           |   |   |   |          |              | Г |
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| 1 1                | 1                      | √            |   |  |  |          |  |  |          |  |   |       | 51       |           |   |   |   | _        |              | r |
|                    | 2                      | <b>√</b>     |   |  |  |          |  |  |          | Г  |   |       | 52       |           |   |   |   |          |              | ſ |
|                    | 3                      | ✓            |   |  | Г  |          |  |  |          |  |   |       | 53       |           |   |   |   |          |              | Γ |
|                    | 4                      | √            |   |  |  |          |  |  |          |  |   |       | 54       |           |   |   |   |          |              | I |
|                    | 5                      | ✓            |   |  |  |          |  |  |          |  |   |       | 55       |           |   |   |   |          |              | Γ |
|                    | 6                      | $\checkmark$ |   |  |  |          |  |  |          |  |   |       | 56       |           |   |   |   |          |              |   |
|                    | 7                      |              |   |  |  |          | L  |  |          |  |   |       | 57       |           |   |   |   |          | <u>_</u>     | L |
|                    | 8                      | ^            |   | <u> </u>   | <u></u>  | <u> </u> |  |  |          |  |   |       | 58       |           | _ |   |   |          | L            | L |
|                    | 9                      | √            |   | <u> </u>   | L  | L        |  | $oxed{oxed}$                                     |          |  |   |       | 59       |           |   |   |   |          | L            | ļ |
|                    | 10                     | √            |   | <u> </u>   |  |          |  | <u> </u>   |          |  |   |       | 60       |           |   |   |   |          | L            | L |
|                    | 11                     | √            | _ | _  | _  |          | <u> </u>   |  |          |  |   |       | 61       |           |   |   |   |          | L            | ļ |
|                    | 12                     | √            |   | _  | _  | _        | <u> </u>   |  |          | _  |   |       | 62       |           |   |   |   | L        | <u> </u>     | ļ |
|                    | 13                     | ^            |   |  | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   | _        |  |   |       | 63       | $\Box$    | _ |   |   |          | <u> </u>     | ļ |
|                    | 14                     | √            |   |  | <u> </u>   |          |  | <u> </u>   |          |  |   |       | 64       | _         |   |   |   | <u> </u> | <u> </u>     | Ļ |
|                    | 15                     | √            |   | _  | _  |          |  |  |          | L  |   |       | 65       |           | _ |   |   | <u> </u> | -            | 1 |
|                    | 16                     | <b>√</b>     |   |  | <u> </u>   |          |  |  | Ш        |  |   |       | 66       | _         | _ |   | • |          | <u> </u>     | - |
|                    | 17                     | 1            |   | <u> </u>   | _  |          | _  |  | _        |  |   |       | 67       | $\dashv$  |   |   |   | <u> </u> | <u> </u>     | 1 |
|                    | 18                     | <u>√</u>     |   | <u> </u>   | <u> </u>   | _        | <u> </u>   | _  |          | _  |   |       | 68       |           |   |   |   | _        | <u> </u>     | ļ |
|                    | 19                     | <b>√</b>     |   |  | <u> </u> _                                       |          |  | _  | _        |  |   |       | 69       | -         |   |   |   | ļ        | <u> </u>     | ļ |
|                    | 20                     | √            |   |  | <del> </del>                                     | <u> </u> |  | <u> </u>   | -        |  |   |       | 70       | $\vdash$  | _ |   |   |          | <del> </del> | ŀ |
| <b> </b>           | 21                     | √,           |   | _  | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   | -        |  |   |       | 71       | $\vdash$  | _ |   | - |          | ├—           | ŀ |
| $\longrightarrow$  | 22                     | <b>√</b>     |   |  | <del>  -</del>                                   |          | ļ  |  |          |  |   |       | 72       |           |   |   |   |          | ├            | ł |
| -                  | 23                     | √_           | _ | _  | _  | -        |  | _  | ļ        | <u> </u>   |   |       | 73       | Н         |   |   |   | <b> </b> |              | ł |
|                    | 24                     | <b>√</b>     |   | _  | <u> </u>   | <u> </u> | <u> </u>   | <u> </u>   | _        | ļ  |   |       | 74       | $\vdash$  | _ |   |   | <u> </u> |              | ╀ |
|                    | 25                     | √<br>/       | _ | <u> </u>   |  |          | -  |  |          |  |   |       | 75<br>76 |           |   |   |   |          | ┢            | ł |
|                    | 26<br>27               | <b>√</b>     | _ | -  |  | <u> </u> |  |  |          |  | ļ |       | 77       | $\vdash$  |   |   | - |          | <del> </del> | ł |
| <del></del>        | 28                     | √<br>/       |   | ⊢  | ┢  | _        | _  |  |          | <u> </u>   | l |       | 78       | $\vdash$  | - | _ |   |          | ├            | ł |
| 1                  | 29                     |              | - | <del> </del>                                     | ├—   |          |  |  | -        | _  | ŀ |       | 79       |           |   |   | - |          | ┢            | ł |
| $\vdash$           | 30                     | V            |   | -  |  |          |  |  |          |  |   |       | 80       | -         |   |   | - |          | ⊢            | t |
| $\vdash$           | 31                     |              | - | ├─   |  |          |  |  | $\vdash$ |  |   |       | 81       | -         |   |   | _ | ├        | ┢            | t |
| <del> </del>       | 32                     |              | _ | ┢  | $\vdash$   | $\vdash$ | ┝  |  | $\vdash$ | <del> </del>                                     | ł |       | 82       | $\dashv$  | _ |   |   | $\vdash$ | $\vdash$     | t |
|                    | 33                     |              | _ | ┢  | $\vdash$   |          | $\vdash$   |  | $\vdash$ | <del>                                     </del> | i |       | 83       | $\vdash$  |   |   |   | $\vdash$ | <b>-</b>     | t |
|                    | 34                     |              | - | H  | -  |          | $\vdash$   |  | $\vdash$ |  | ł |       | 84       | $\dashv$  | _ | _ | _ | $\vdash$ | <del> </del> | t |
|                    | 35                     |              | _ | <del>                                     </del> |  |          |  | <del>                                     </del> | $\vdash$ |  | ĺ |       | 85       |           |   |   |   | $\vdash$ | H            | t |
| <del></del>        | 36                     |              |   | -  | <del>                                     </del> | -        | $\vdash$   |  | $\vdash$ |  | l |       | 86       |           | - |   |   |          | ┢            | t |
| <del>       </del> | 37                     |              |   | H  |  |          |  |  |          | -  | İ |       | 87       | $\Box$    | T |   |   | $\vdash$ | 一            | t |
|                    | 38                     |              |   | $\vdash$   | $\vdash$   |          | <u> </u>   |  |          | -  | ĺ |       | 88       |           |   | _ | _ | _        | 一            | t |
|                    | 39                     |              |   | _  |  | _        | $\vdash$   |  | $\vdash$ |  |   |       | 89       |           |   |   |   |          | Г            | t |
|                    | 40                     | _            |   | ┢  | ┢  |          |  |  | Г        |  | ĺ |       | 90       |           |   |   | _ | T        | $\vdash$     | t |
|                    | 41                     |              |   | Γ  | 1  | <u> </u> | <del>                                     </del> |  | Г        |  | 1 |       | 91       |           |   |   |   |          |              | T |
|                    | 42                     |              |   |  | ļ  |          |  |  |          |  |   |       | 92       |           |   |   |   |          |              | Ī |
|                    | 43                     |              |   |  |  |          |  |  |          |  | } |       | 93       |           |   |   |   |          |              | ſ |
|                    | 44                     |              |   |  |  |          |  |  |          |  |   |       | 94       |           |   |   |   |          |              | ſ |
|                    | 45                     |              |   |  |  |          |  |  |          |  |   |       | 95       |           |   |   |   |          | $\Box$       | ſ |
|                    | 46                     |              |   |  |  |          |  |  |          |  |   |       | 96       |           |   |   |   |          |              | ſ |
|                    | 47                     |              |   |  |  |          |  |  |          |  |   |       | 97       |           |   |   |   |          | $\Box$       | ſ |
|                    | 48                     |              |   |  |  |          |  |  |          |  |   |       | 98       |           |   |   |   |          | $\Box$       | ſ |
|                    | 49                     |              |   |  |  |          |  |  |          |  |   |       | 99       |           |   |   |   |          | L            | 1 |
|                    | 50                     |              |   |  |  |          | <u> </u>   | <u> </u>   | •        |  |   |       | 100      | $oxed{L}$ |   |   |   | <u> </u> | L_           | 1 |

| Cla         | Date     |              |              |  |  |                |              |              |  |           |  |
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| J-3:-       |          |              |              |  |  |                |              |              |  | $\Box$    |  |
| <del></del> | Original |              |              |  |  |                |              |              |  |           |  |
| Final       | jē.      |              |              |  |  |                |              |              |  |           |  |
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|             | 51       | _            | $\vdash$     | $\vdash$   | -  |                | _            |              |  | _         |  |
| $\vdash$    | 52       |              |              |  |  | -              | _            |              |  |           |  |
| <u> </u>    | 53       | _            |              | -  |  | -              | -            |              | $\vdash$   |           |  |
| -           | 54       |              |              | <del> </del>                                     |  | _              | -            | -            | $\vdash$   |           |  |
|             | 55       | _            |              | ⊢  | _  |                |              | _            |  |           |  |
|             | 55       |              |              | $\vdash$   |  |                |              |              |  |           |  |
|             | 56<br>57 |              |              | -  |  |                |              |              | -  |           |  |
| -           | 58       |              |              | ⊢  | _  |                |              |              |  |           |  |
| -           | 59       |              |              |  | _  |                |              |              |  |           |  |
| -           | 60       |              |              | _  | _  | _              |              |              | <u> </u>   |           |  |
| <u> </u>    | 60       | -            |              | _  |  |                |              |              | -  | _         |  |
| <u> </u>    | 61       | _            |              | -  |  |                |              | _            | <u> </u>   | _         |  |
| <u> </u>    | 62       | -            | ļ            | ļ  |  |                | <u> </u>     | <u> </u>     | <u> </u>   | _         |  |
|             | 63       |              | <u> </u>     | <u> </u>   | <u> </u>   |                |              | -            |  | -         |  |
|             | 64       |              | <u> </u>     | <u> </u>   | <u> </u>   | <u> </u>       |              | -            |  |           |  |
|             | 65       |              |              | _  | Щ  | <u> </u>       |              |              | _  |           |  |
|             | 66       |              |              |  |  |                | L            |              | <b> _</b> _                                      |           |  |
|             | 67       |              |              |  |  |                |              | ٠            |  |           |  |
|             | 68       |              |              |  |  |                |              |              | _  | _         |  |
|             | 69       |              |              |  |  |                |              |              |  |           |  |
|             | 70       |              | L_           | _  |  |                |              |              |  | L         |  |
|             | 71       |              |              |  |  |                |              |              |  |           |  |
|             | 72       |              |              |  |  |                |              |              |  |           |  |
|             | 72<br>73 |              |              |  |  |                |              |              |  |           |  |
|             | 74       |              |              |  |  |                |              |              |  |           |  |
|             | 75<br>76 |              |              |  |  |                |              |              |  |           |  |
| •           | 76       |              |              |  |  |                |              |              |  |           |  |
|             | 77       |              |              |  |  |                |              |              |  |           |  |
|             | 78       |              |              |  |  |                |              |              |  | $\Box$    |  |
|             | 79       |              |              |  |  |                |              |              |  |           |  |
|             | 80       |              |              |  |  |                |              |              |  |           |  |
|             | 81       |              |              |  |  |                |              |              |  |           |  |
|             | 82       |              |              |  |  | $\vdash$       |              |              | <del>                                     </del> |           |  |
|             | 83       |              |              |  |  | $\vdash$       | -            |              |  |           |  |
|             | 84       |              |              | $\vdash$   | $\vdash$   |                | _            |              |  |           |  |
|             | 85       | _            | ┢            | $\vdash$   |  |                | П            |              | Г  |           |  |
|             | 86       | -            | _            | Н  |  |                | Н            |              |  | $\vdash$  |  |
|             | 87       | Н            |              | Н  |  | $\vdash$       | Н            |              | $\vdash$   |           |  |
|             | 88       |              | <u> </u>     | <del>                                     </del> |  |                | Н            |              | Ι-   | <u> </u>  |  |
|             | 89       | -            | $\vdash$     | -  |  |                | $\vdash$     | $\vdash$     | <del>                                     </del> | <b></b> - |  |
| <u> </u>    | 90       |              | -            | -  | <del>                                     </del> | $\vdash$       | $\vdash$     | $\vdash$     | <del>                                     </del> |           |  |
|             | 91       | -            | -            | -  |  |                | -            | $\vdash$     | <del> </del>                                     | <u> </u>  |  |
| -           | 92       | <del></del>  | -            | _  |  | -              | -            | -            |  |           |  |
| $\vdash$    | 93       | -            | -            |  |  | -              | <del>-</del> | -            | <del> </del>                                     | <u> </u>  |  |
|             | 94       | -            | -            |  | <del> </del>                                     |                |              |              | <del> </del>                                     | <u> </u>  |  |
|             | 95       | -            | $\vdash$     | <del> </del>                                     | $\vdash$   | -              | $\vdash$     |              |  | $\vdash$  |  |
|             | 96       |              | <del> </del> |  | <del> </del>                                     | $\vdash$       |              | <del> </del> | <del> </del>                                     |           |  |
|             | 97       | <del>-</del> |              | ├  | <del> </del> —                                   | -              |              | <del> </del> | ├-   |           |  |
|             |          |              |              |  |  |                | $\vdash$     | $\vdash$     | <del> </del>                                     | -         |  |
| <u> </u>    | 98       |              | <del> </del> | ├  | <u> </u>   | $\vdash$       | <del> </del> |              | -  |           |  |
|             | 99       | <u> </u>     | <u> </u>     | <del> </del>                                     | $\vdash$   | <del> </del> — | ├            | <b> </b> -   | <u> </u>   | <u> </u>  |  |

| Cla          | aim                             |  |  |          | E            | Date          |                |        |              |          |
|--------------|---------------------------------|--|--|----------|--------------|---------------|----------------|--------|--------------|----------|
|              |                                 |  |  |          |              |               |                |        |              |          |
| Final        | Original                        |  |  |          |              |               |                |        |              |          |
|              | 101                             |  |  |          |              |               |                |        |              |          |
|              | 102                             |  |  |          |              |               |                |        |              |          |
|              | 102<br>103                      |  |  |          |              |               |                | ·      |              | Щ        |
|              | 104<br>105                      |  |  |          |              |               |                |        |              |          |
|              | 105                             |  |  |          |              |               |                |        |              |          |
|              | 106                             |  |  |          |              |               |                | _      |              | $\dashv$ |
|              | 107<br>108                      | -  | ļ  |          |              |               |                |        |              | $\vdash$ |
|              | 108                             | <u> </u>   |  |          |              |               | _              |        | -            | $\vdash$ |
|              | 110                             |  |  |          |              |               |                |        |              | -        |
|              | 110<br>111                      |  |  |          | -            |               | -              |        |              |          |
|              | 112                             | -  | -  | -        |              | -             |                |        | -            |          |
|              | 113                             | -  |  |          |              |               |                |        |              |          |
|              | 114                             | _  |  |          |              | -             | _              |        | _            |          |
|              | 115                             |  |  |          |              |               |                |        |              |          |
|              | 116                             |  |  |          |              |               |                |        |              |          |
|              | 117                             |  |  |          |              |               |                |        |              |          |
|              | 118<br>119<br>120               |  |  |          |              | $\overline{}$ |                |        |              |          |
|              | 119                             |  |  |          |              |               |                |        |              |          |
|              | 120                             | L  |  |          |              |               |                |        |              |          |
|              | 121                             | _  |  |          |              |               |                |        | _            |          |
|              | 122                             | ļ  | <u> </u>   |          |              |               |                |        |              |          |
|              | 121<br>122<br>123<br>124<br>125 |  |  | _        | _            | _             |                |        |              |          |
|              | 124                             | <u> </u>   |  | <u> </u> |              | ļ             |                |        | <u> </u>     |          |
| · ·          | 125                             | <u> </u>   |  |          | -            | <u> </u>      | _              |        |              | $\vdash$ |
|              | 120                             |  | -  | -        |              | -             |                |        |              |          |
|              | 126<br>127<br>128               | ├  | -  |          |              |               |                | -      | $\vdash$     | H        |
|              | 129                             |  |  | -        |              |               |                | _      | -            | $\vdash$ |
| ·            | 129<br>130<br>131               | $\vdash$   |  | -        |              |               |                |        | -            |          |
| •            | 131                             | ┢  |  | -        | _            |               |                |        |              |          |
|              | 132                             |  |  |          |              | ·             | _              |        |              |          |
|              | 132<br>133                      |  |  |          |              |               |                |        |              | П        |
|              | 134                             |  |  |          |              |               |                |        |              |          |
|              | 135                             |  |  |          |              |               |                |        |              |          |
|              | 136                             |  |  |          | <u></u>      |               | L              |        |              |          |
|              | 137<br>138                      |  | L  | _        |              | _             | <u> </u>       |        | <u> </u>     |          |
|              | 138                             |  | <u> </u>   |          | _            | _             | _              | _      |              |          |
|              | 139                             | <u></u>  |  |          |              | <u> </u>      | <u> </u>       | _      |              | Ш        |
| ļ            | 140                             |  | -  | -        |              |               |                | -      | <u> </u>     |          |
|              | 141                             | ⊢  | <u> </u>   |          |              |               |                |        |              |          |
|              | 142                             | -  | -  | ├─       | -            |               | -              |        |              |          |
|              | 144                             | ├  | -  |          |              | -             | -              | -      |              |          |
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| <del> </del> | 146                             | <del>                                     </del> |  |          | $\vdash$     | $\vdash$      |                |        |              | $\vdash$ |
|              | 147                             | $\vdash$   | <del>                                     </del> |          | <b></b>      | T             | Г              |        | Γ            | П        |
|              | 148                             |  |  | 1        |              | Γ             |                | $\Box$ | Γ            |          |
|              | 149                             |  |  |          |              |               |                |        |              |          |
|              | 150                             | _  |  |          |              | L             | L              | Ĺ      | Ĺ            |          |